

Title (en)

PRESSURIZED CONTAINER FOR LIQUEFIED GAS AND CONSUMER CONNECTION

Title (de)

DRUCKBEHÄLTER FÜR FLÜSSIGGAS UND VERBRAUCHERANSCHLUSS

Title (fr)

RÉCIPIENT SOUS PRESSION POUR GAZ LIQUÉFIÉ ET RACCORDEMENT DE CONSOMMATEUR

Publication

EP 3769003 A1 20210127 (EN)

Application

EP 19709500 A 20190312

Priority

- EP 18382198 A 20180323
- EP 2019056104 W 20190312

Abstract (en)

[origin: EP3543591A1] Examples relate to a system for providing a compressed gas, either in liquid or gas phase. The system comprises a supply connection for the supply of liquefied gas, three pressurized containers, an evaporator and a heat exchanger. A consumer connection is connected to the heat exchanger, and valves are interconnecting each pressurized container with the supply connection, the evaporator, and the heat exchanger. The system further comprises an expansion element. The heat exchanger is a counter current flow heat exchanger having two inputs and two outputs. Two inputs and a first output being connected to the pressurized containers, the expansion element being located between the first output and the pressurized containers; the second output being connected to the consumer connection.

IPC 8 full level

F17C 5/00 (2006.01); **F17C 5/06** (2006.01); **F17C 7/04** (2006.01); **F17C 9/02** (2006.01)

CPC (source: EP)

F17C 5/06 (2013.01); **F17C 7/04** (2013.01); **F17C 9/02** (2013.01); **F17C 2205/0134** (2013.01); **F17C 2221/033** (2013.01); **F17C 2223/0161** (2013.01); **F17C 2223/033** (2013.01); **F17C 2225/0123** (2013.01); **F17C 2227/0107** (2013.01); **F17C 2227/03** (2013.01); **F17C 2227/0306** (2013.01); **F17C 2227/0339** (2013.01); **F17C 2227/036** (2013.01); **F17C 2227/047** (2013.01); **F17C 2265/05** (2013.01); **F17C 2265/061** (2013.01); **F17C 2265/065** (2013.01); **F17C 2270/0139** (2013.01)

Citation (search report)

See references of WO 2019179819A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3543591 A1 20190925; EP 3769003 A1 20210127; EP 3769003 B1 20220511; ES 2923120 T3 20220923; PL 3769003 T3 20221003; WO 2019179819 A1 20190926

DOCDB simple family (application)

EP 18382198 A 20180323; EP 19709500 A 20190312; EP 2019056104 W 20190312; ES 19709500 T 20190312; PL 19709500 T 20190312